



KIRBY

HERMETIC COMPRESSORS



LOW BACK PRESSURE (LBP) 220 / 240 V 1 PHASE 50Hz

Model	Stock Code	Disp cc / rev	HP	Motor	Appl	Refrigerant	Evaporator Capacity deg C								
							-35	-30	-25	-20	-15	-10	-5	0	5
AZ1335Y	SIC002	4.00	1/8	PTCSIR	LST	R134A	38	61	86	116	152	190			
AZ1345YS	SIC004	5.59	1/6	PTCSIR	LST		50	78	111	151	197	246			
AE1360YS	SIC005	6.90	1/5	PTCSIR	LST		69	102	143	195	257	323			
AE1390YS	SIC006	9.41	1/4	PTCSIR	LST		106	158	221	299	394	498			
AE2410YS	SIC007	12.04	1/3	CSIR	HST		120	179	250	339	447	563			
AE2415AS-P	SIC010	16.10	3/8	CSIR	HST		161	247	349	467	595	725			
AE16LMY	KIR006	16.10	3/8	PTCSIR	HST			220	310	420	540	680	840	1030	1260
AW40LZ-1C	KIR007	39.60	1	CSIR	HST					740	1090	1480	1970	2500	3050
AW43LZ-1C	KIR008	39.60	1 1/4	CSR	HST					840	1240	1690	2240	2850	3480
AW54LZ-1C	KIR009	53.10	1 1/2	CSR	HST				510	860	1200	1690	2200	2830	3610
AKL19ZS *	SIC025	18.80	1/2	CSR	HST	R404A	384	536	713	933	1201	1492			
AKL19ZS **	SIC021	18.80	1/2	CSR	HST		384	536	713	933	1201	1492			
AKL26ZS	SIC022	26.00	3/4	CSR	HST		591	825	1098	1436	1848	2298			
AE8MG	KIR002	4.00	1/4	CSIR	HST		137	210	295	385	490				
AE16LMY	KIR006	16.10	3/8	PTCSIR	HST		330	465	620	810	1025				
AW40LZ-1C	KIR007	39.60	1	CSIR	HST		590	900	1325	1890	2590				
AW43LZ-1C	KIR008	39.60	1 1/4	CSR	HST		680	1030	1540	2160	2890				
AW54LZ-1C	KIR009	53.10	1 1/2	CSR	HST		780	1250	1920	1920	2760	3660			

* Stub Connections

** Valve Connections



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MEDIUM / HIGH BACK PRESSURE (M-HBP) 220 / 240 V 1 PHASE 50Hz

Model	Stock Code	Disp cc / rev	HP	Motor	Appl	Refrigerant	Evaporator Capacity deg C								
							-20	-15	-10	-5	0	5	10	15	
AE6MHG	KIR001	5.51	1/5	CSIR	HST	R404A		270	325	400	490	590	705		
AE8MG	KIR002	7.55	1/4	CSIR	HST			360	465	580	720	870			
AE9MG	KIR003	8.88	1/3	CSIR	HST			460	565	705	860	1030			
AE12MG	KIR004	12.01	3/8	CSR	HST			665	820	1020	1220	1440			
AE14MG	KIR005	14.14	1/2	CSR	HST			790	995	1230	1490	1800			
AKM19ZS	SIC050	18.80	3/4	CSR	HST	R404A	615	863	1151	1479	1854	2242	2651		
AKM19ZS	SIC051	18.80	3/4	CSR	HST			615	863	1151	1479	1854	2242	2651	
AKM26ZS	SIC053	26.00	1	CSR	HST			863	1211	1615	2075	2602	3146	3720	
AKM26ZS	SIC054	26.00	1	CSR	HST			863	1211	1615	2075	2602	3146	3720	
AE9440ES-P	SIC016	12.04	3/8	CSIR	HST	R134A	254	482	705	941	1213	1485	1815		
AZ0411YS	SIC001	5.59	1/5	CSR	LST			144	192	246	320	413	506	614	
AE4425YS	SIC011	7.57	1/5	CSR	HST				221	294	383	498	619	757	
AE4430YS	SIC013	8.85	1/4	CSIR	HST				262	348	453	589	733	896	
AE4440YS	SIC014	12.04	1/3	CSIR	HST				346	460	600	780	970	1186	
AE4448YS	SIC015	14.17	3/8	CSIR	HST				404	537	699	910	1132	1383	
AKM19YS	SIC018	18.80	1/2	CSIR	HST			428	604	803	1029	1290	1559	1846	
AKA4476YXC	TEC039	22.20	5/8	CSIR	HST						957	1388	1569	1964	
AJA4492YXC	TEC001	26.00	3/4	CSIR	HST						1122	1623	1832	2311	
AJA4512YXC	TEC002	34.24	1	CSIR	HST						1551	2262	2552	3172	
AW38MHG	KIR203	37.50	1 1/2	CSR	HST	R404A		1685	2239	2860	3620	4519			
AW43MHG	KIR204	43.10	2	CSR	HST				2097	2799	3600	4469	5490	6760	
AW54MHG	KIR206	53.50	2 1/2	CSR	HST				2612	3540	4508	5710	7109	8710	
TAG4553Z	TEC312	100.70	4	TRI	HST				3461	4922	6752	8958	11630	14627	17880
TAG4561Z	TEC313	112.50	5	TRI	HST				4363	5895	7942	10452	13452	16730	20227
TAG4568Z	TEC314	124.40	6	TRI	HST				5322	7077	9294	11972	15211	18834	22760

* Stub Connections

** Valve Connectiins



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HERMETIC COMPRESSORS



AIR CONDITIONING / HEAT PUMP APPLICATIONS 220 - 240V 1PHASE 50HZ

Model	Stock Code	Disp cc / rev	HP	Motor	Appl	Refrigerant	Evaporator Capacity deg C						
							-15	-10	-5	0	5	10	12.8
AKA5510EXC	TEC006	18.60	3/4	PSC	A/C	R22				2108	2642	3309	3718
AKA5512EXC	TEC031	22.30	1	PSC	A/C					2577	3192	3865	4333
AJB5515EXC	TEC005	26.13	1 1/4	CSR	A/C					3221	4010	4861	
AJA5518EXC	TEC003	32.66	1 1/2	CSR	A/C					3733	4834	6222	
AJA5519EXC	TEC004	34.24	1 1/2	CSR	A/C					4070	5159	6295	
AWG5520EVA	TEC010	37.50	1 1/5	CSR	A/C		1685	2239	2860	3620	4519		
AWG5524EVA	TEC011	43.10	2	PSC	A/C		2097	2799	3600	4469	5490	6760	
AWG5524EVA	TEC012	43.10	2	CSR	A/C		2097	2799	3600	4469	5490	6760	
AWG5532EVA	TEC014	53.50	2 1/2	CSR	A/C		2612	3540	4508	5710	7109	8710	
AWG5532EVA	TEC015	53.50	2 1/2	PSC	A/C		2612	3540	4508	5710	7109	8710	
AWG5542EXC	TEC020	73.30	3	CSR	A/C	2920	4170	5560	7340	9200	11340		

AIR CONDITIONING / HEAT PUMP APPLICATIONS 420V 3 PHASE 50HZ / 460V 3 PHASE 60HZ

Model	Stock Code	Disp cc / rev	HP	Motor	Appl	Refrigerant	Evaporator Capacity deg C						
							-15	-10	-5	0	5	10	15
AWF5524EXG	TEC017	43.10	2	TRI	A/C	R22	1685	2239	2860	3620	4519		
AWF5532EXG	TEC019	53.50	2 1/2	TRI	A/C		2097	2799	3600	4469	5490	6760	
TAG4553Z-M	TEC312	100.70	4	TRI	A/C		3461	4922	6752	8958	11630	14627	17880
TAG4561Z-M	TEC313	112.50	5	TRI	A/C		4363	5895	7942	10452	13452	16730	20227
TAG4568Z-M	TEC314	124.40	6	TRI	A/C		5322	7077	9294	11972	15211	18834	22760

***Oil can be changed for use on R404A

****Oil can be changed for use with R22